

**IN THE CLAIMS**

Please amend the claims in accordance with the following rewritten claims in clean form. Applicant includes herewith an Attachment for Claim Amendments showing a marked up version of each amended claim.

*b. 101*

1. (Amended) A control system for a motor, the control system comprising:  
a voltage source for providing a DC bus current; and  
an inverter having a switching circuit for regulating the DC bus current to a fixed  
level;  
said switching circuit forcing consecutive phases of the motor to share the DC  
bus current at commutation by turning off said DC bus current to one phase after turning  
on said DC bus current to a subsequent phase.

*sub. 101*

12. (Amended) A method for controlling a motor, the method comprising the  
steps of:  
determining a fixed level for a DC bus current;  
regulating the DC bus current to the fixed level; and  
forcing consecutive phases of the motor to share the DC bus current at  
commutation by turning off said DC bus current to one phase after turning on said DC  
bus current to a subsequent phase.